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using the network address that is sent over the first network to establish a network connection on the second network; and

maintaining the first connection across the first communication network while the second network connection is being established.

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3. A method of establishing a network connection, the method comprising:

establishing a connection across a first communication network that carries audio signals;

encoding a computer network address for a second network different from the first network into an encoded network address and sending the encoded network address across the first network, where the encoded network address is encoded using dual tone multi-frequency signals; and

using the network address that is sent over the first network to establish a network connection on the second network, where the first network comprises a voice telephone network.

4. A method of establishing a network connection, the method comprising:

establishing a connection across a first communication network that carries audio signals;

encoding a computer network address for a second network different from the first network into an encoded network address and sending the encoded network address across the first network, where the encoded network address is appended to telephone network signaling data; and

using the network address that is sent over the first network to establish a network connection on the second network.

8. A method of establishing a network connection, the method comprising:

establishing a connection across a first communication network that carries audio signals;

B3 encoding a computer network address for a second network different from the first network into an encoded network address and sending the encoded network address across the first network;

using the network address that is sent over the first network to establish a network connection on the second network;

receiving a stream of audio signals;

sending the audio signals through the connection across the voice telephone network prior to said using said network address to establish a network connection; and

sending the audio signals through the connection across the computer network after said using said network address to establish a network connection.

9. A method of establishing a network connection, the method comprising:

establishing a connection across a first communication network that carries audio signals;

encoding a computer network address for a second network different from the first network into an encoded network address and sending the encoded network address across the first network;

using the network address that is sent over the first network to establish a network connection on the second network;

receiving a stream of audio signals;

encrypting the audio signals using a first computer that is connected to the second network to form encrypted audio signals; and

sending the encrypted audio signals across the first network connection.

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10. A method of establishing a network connection, the method comprising:

establishing a connection across a first communication network that carries audio signals;

encoding a computer network address for a second network different from the first network into an encoded network address and sending the encoded network address across the first network;

using the network address that is sent over the first network to establish a network connection on the second network;

transmitting an encryption key across the second network using the network connection;

encrypting an audio signal using the encryption key to form an encrypted audio signal; and

transmitting the encrypted audio signal across the first network.

11. A method of establishing a network connection, the method comprising:

establishing a first connection across a voice telephone network between a first location and a second location;

encoding a computer network address for a specified computer network different from the voice telephone network, into an encoded network address and sending the encoded network address across the voice telephone network from the first location to the second location;

establishing a second connection between the first location and the second location across the computer network

using the computer network address sent across the telephone network; and

maintaining the first connection across the first communication network while the second network connection is being established.

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12. A method of establishing a network connection, the method comprising:

establishing a first connection across a voice telephone network between a first location and a second location;

receiving an encoded network address at said second location, from the voice telephone network for a computer network that is different than the voice telephone network;

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translating the encoded network address to a computer network address;

establishing a second connection between the first location and the second location across the computer network using the computer network address received from said voice telephone network; and

maintaining the first connection across the first communication network while the second network connection is being established.

13. A computer program stored on a computer-readable medium, for establishing a network connection, the computer program including instructions operable to cause a computer to:

obtain a computer network address for a computer network;

send the computer network address across a second network different than the computer network;

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receive a network connection request to establish a network connection across the computer network, and using the computer network address sent across the second network to establish the network connection sent over the second network; and

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support simultaneous network connections for the computer network and the second network.

14. A computer program stored on a computer-readable medium, for establishing a network connection, the computer program including instructions operable to cause a computer to:

encode a computer network address for a specified computer network different from a communications network that carries audio signals into an encoded network address and send the encoded network address across the communications network;

use said computer network address to establish a network connection on said computer network based on said computer network address sent over the communications network; and

support simultaneous network connections for the computer network and the communications network.

30. An article comprising:

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a storage medium having stored thereon instructions which, when executed by a computing device, result in:

encoding a computer network address for a specified computer network different from a communications network that carries audio signals into an encoded network address and send the encoded network address across the communications network; and

using said computer network address to establish a network connection on said computer network; and

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supporting simultaneous network connections for the
computer network and the communications network.--